

MEMORANDUM.

UTAH DEPARTMENT OF TRANSPORTATION

DATE: May 15, 2006

TO : All Utah Pavement Council Members

FROM : Howard J. Anderson, P.E.
Asphalt Pavement Engineer

SUBJECT: Utah Pavement Council

Date: June 28th, 2006
Location: UDOT Complex, Large Conference Room, First Floor
Address: 4501 South 2700 West
Salt Lake City, UT 84119
Time: 1:00 PM to 4:00 PM

The next Utah Pavement Council meeting is scheduled as shown above. Please send me any agenda items you may have to be included in the meeting.

Attendance May 10th Meeting:

Kevin VanFrank, John Butterfield, Stephane Charmot, Craig Haskell, Gary Lindley, Brian Burr, Victor Johnson, Craig Fabrizio, James Cox, Mo Rahman, Matt Parker, Brent Hadfield, Cam Ryan, Tim Biel, Karl Verhaeren, Desna Bergold, Tim O'Connell, Henry Romagosa, James Hulse, Reid Brown, Todd Emery, Todd Laker, & Howard Anderson.

The following ground rules are recommended for our group: 1. Participate by providing your agenda items and reviewing the specifications or procedures and making comments. 2. Bring your reviewed copy of the draft. 3. Come on time and stay and participate as best you can. 4. Stay on task during discussions. 5. Keep personal gripes to a minimum. 6. Keep side conversations during breaks only.

Draft Notes from May 10, 2006 Meeting:

1. **Welcome**- Howard Anderson welcomed the group. We discussed the meeting schedule. It has been recommend we **move to the 4th Wednesday of each month**. The 1:00 to 4:00 PM

time would not change. No one had any objections to the move. Howard would reschedule the room and make the changes. Next meeting date. **Wednesday, June 28, 2006**

2. **HMA special provision with Hamburg wheel tracker spec** - Mo Rohman, in speaking for Granite they are happy with the specification. Others present agreed with Mo. It was clarified that Hamburg Test results apply only apply to the day or lot represented by the material. A discussion followed on the sample preparation and in particular the curing time with lime. Industry members may submit data to show the differences they have found in test results depending on the cure time.
3. **Asphalt Slurry Seal Coat Specification 02733S**– Craig Haskell, this Special Provision has been submitted to Standards. Kevin brought up the reference made in the specification to the minimum sampling and testing requirements. The MOI states to test the material as necessary. It was decided to leave this as is and that it is adequate for our needs. Reid asked about the LA abrasion limit of 35% for the aggregate. Craig agreed to talk to Larry about the limit to see if Region 4 aggregates that perform well will meet the requirement. The question came up, where did the polish value of 38 come from? Tim mentioned that we have research data that supports a polish value of 31. It was agreed to change the spec limit to 31 for the polish value on section 2.2 D.
4. **Untreated Base Course (UTBC) Specification 02721S** – John Butterfield, the discussion from the last pavement council meeting has been addressed in this draft copy of the special provision. Table 3 on page 6 of 7 shows the tolerance available for the No. 4, 16 and 200 sieves as requested. 1.6 E was commented on. New material can still be added but it must be worked in with the old material as described. John asked the group to provide him with any comments within a week. After that time it will go to standards and live as a special provision for a period of time.
5. **Binder Management** – Binder Testing Vs. Mix Verification – Tim Biel, the discussion is that we want consistency in the binder material from what is submitted for the mix design and what is provided in the HMA production. It was mentioned that field Hamburg testing would take care of this. It is also frustrating to the Region labs to verify a mix design only to find out the binder is out of specification. Jim talked about the oil situation in general in Utah and in the country. In the past the oil supply has kept up with the demand. In the future with the rise of gasoline prices and companies purchasing cokers to get more fuel out of the bottom of the barrel, the demand may exceed the supply. It is agreed that if the base stock is changed we should have a new mix design. UDOT has started to fingerprint the binder and in doing this we are looking for the percent acid and polymer in the material. We have neglected the bottom end on the mix. We

have rut resistant pavements, but now have problems with shattering in cold weather.

6. **Emulsion full depth reclamation and revisions to the BOGSC draft** that was introduced at the last meeting. - Stephane Charmot provided a slide show on Full Depth Reclamation, for Granular Base Stabilization. Stephane said he will work on the specification and put it into the UDOT format for our next meeting. Next Stephane provided another presentation on Spray Paver Applied Open-Graded Surface Course (SPA OGSC). This is a name change from our last meeting of BOGSC, Bonded OGSC. Howard will send out a copy of this specification to the group.
7. **Has there been any progress on the asphalt oil escalation clause** that we addressed a few months ago? Is this something we could talk about & move forward on? - Craig Fabrizio. The UDOT response for the short answer is No, nothing has been done since our last discussions on the topic. Discussion followed about the different cost indices and how none of them really work for what we need. The group felt the appropriate index does not exist and would have to be manufactured. It was mentioned that other states in the west including Wyoming and Colorado are looking at this. It was reported that Arizona uses an average of 5 states for their cost index. Tim said he would have something for the group for the next meeting.
8. **Contact Point or person needed for the asphalt pavement side with the Industry** – Tim Biel. Tim needs someone to speak for different asphalt industry related issues such as factors involved in the calculation of the Life Cycle Costs for HMA. On the concrete side he has Mitzi to call on. Items needed include the discount rate, user costs maintenance costs, time applied etc. This request should be brought to the AGC.

AGENDA
Utah Pavement Council
Wednesday, May 10th, 2006

1:00 PM UDOT Complex
Large Conference Room, First Floor
4501 South 2700 West
Salt Lake City, UT 84101

1:00 - 1:10 1. **Welcome, Meeting Schedule:** - Howard Anderson –
Summary:

1:10 - 1:30 2.

Summary:

1:30 – 2:00 3.

Summary:

2:00 – 2:30 4.

Summary:

2:30 – 3:00 5.

Summary:

3:00 – 3:30 6.

Summary:

3:30 – 4:00 7.

Other Items

Summary:

Next meeting date. **Wednesday, July 26, 2006**